

# Dining Dollars Offers Alternative Selection For MIT Plastic Cash

By Marissa Vogt  
NEWS EDITOR

The class of 2010 will be the first to meet TechCASH's younger cousin, Dining Dollars, which isn't quite legal at all campus convenience locations. TechCASH accounts will include a new feature that allows students and parents to earmark money to be spent only on food beginning this fall, announced Director of Campus Dining Richard D. Berlin III. The separate account, called Dining Dollars, can be maintained and accessed just like a normal declining balance TechCASH account, but the funds can only be used to purchase food.

Berlin said that feedback from the parents of prospective students, particularly from Campus Preview

Weekend, was one of the main factors behind the decision to create a food-only account. He cited confusion about the TechCASH program from many parents as well as a concern that students might not have enough money for food after purchasing books and other necessities because they do not know how to manage a budget.

Steven M. Kelch '08, chair of the Undergraduate Association's Student Committee on Administrative Transparency and Relations, said that student reaction to the Dining Dollars plan has been what he had expected, with some students voicing concerns that the changes might be a step in the direction of having a mandatory meal

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DAVID TEMPLETON—THE TECH

Fireworks by Pyro Spectaculars Inc. light up the Boston skyline on the Fourth of July. See pages 6 and 7 for more photographs of Boston's Independence Day celebration.

# Percentage of EECS Majors Falls By 46 Percent Over Five-Year Term

By Marissa Vogt  
NEWS EDITOR

The percentage of freshmen declaring a major in Course VI (Electrical Engineering and Computer Science) has decreased and is now roughly half what it was five years ago, according to data from the Registrar's Office. For other majors, the number of freshmen declaring each course remained relatively constant. The data include freshmen with sophomore standing.

Approximately 34 percent of freshmen declared a major in Course VI for the Classes of 2001 through 2004. That percentage dropped dramatically to 22.6 percent for the Class of 2006, and continued to fall

to 20 percent for the Class of 2007. After a slight increase to 23 percent for the Class of 2008, it has fallen to 18.5 percent, the lowest in recent memory, for the Class of 2009.

EECS Administrator Anne M. Hunter said that Course VI would have preferred to enroll more students, but the "really good news" is that the percentage of women in the major has increased to 38 percent from the usual 24 percent. Hunter said that Course VI strives to "make it clear that we're a welcoming department," and mentioned the Women's Technology Program and a preorientation program planned for the fall that are geared toward introducing students to EECS. The

preorientation program is also intended to "form the basis of community" within the major, she said.

Course X-B (Chemical Biological Engineering) continued to have a high enrollment among freshmen. More than three times the number of students declared Course X-B in the Class of 2008 than in the Class of 2007. Course X Undergraduate Officer Barry S. Johnston said that the increase is "exciting" and that the high enrollment will continue in the future. "I personally suspect that the growth of biological science is such that it will make a lasting impression," he said.

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# Expired ID Cards Affect Current Students, Staff

By John A. Hawkinson  
STAFF REPORTER

Last Friday, June 30, several thousand MIT cards expired. While many of those cards belong to recently-graduated students, a substantial number of current students were inconvenienced, some of whom were still waiting in line when the Card Office closed last Friday afternoon. Next year, the Card Office expects to send out e-mail reminders in advance of card expiry.

When MIT cards expire, they can no longer be used for access to restricted spaces on campus or public doors that are locked after daytime hours.

According to Daniel L. Michaud, manager of the MIT Card Office, card expiration dates are based on information provided by the Registrar at the time the cards are issued. Mi-

chaud said that more than 3,000 cards expired at the end of June, including those of students and employees, as well as spouses and partners.

When asked why the Card Office did not warn cardholders via e-mail, Michaud explained that the Card Office just changed database systems, and that it had been very difficult to offer features like that in the old system. Michaud said that "next year, a reminder will be sent out via e-mail to all students [whose] cards expire on June 30th."

Last Friday, the day many cards expired, the Card Office had difficulty keeping up with demand. When they closed, slightly later than their regular 4:30 PM closing time, several people waiting in line were turned away.

The Card Office does not stagger

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# Kendall Square Site Newest Option for Alum Residences

By Jiao Wang  
STAFF REPORTER

A location on Third Street near Kendall Square in Cambridge has been identified as the most recent possibility for the site of a planned residential community originally targeted at senior members of the MIT community. The planned buildings, which would consist of 160 residential units, would require modifications to existing plans. Occupancy could begin as early as late summer 2008, according

to the University Residential Community Web site.

Professor of Electrical Engineering and President Emeritus Paul E. Gray '54, one of the founders of the project, said he has been talking with the site's developer for six weeks. The original plan consists of two buildings with a courtyard in-between. The North building would house 250-260 rental apartments. The South building

URC, Page 11

## Denice C. Denton

Denice D. Denton '82, chancellor of the University of California-Santa Cruz and an MIT alumna, passed away on June 24th in San Francisco. She was 46.

Denton received four degrees from MIT: a bachelor of science, masters, and doctorate in electrical engineering, as well as an engineering degree in electrical engineering.

Before becoming chancellor of UCSC, Denton was the dean of the University of Washington-Seattle College of Engineering. She was also a professor at the University of Wisconsin-Madison and taught at the University of Massachusetts and the Swiss Federal Institute of Technology in Zurich, according to a UCSC press release.

According to the press release, a memorial service was held for Denton on Thursday, June 29 at the UC Santa Cruz Music Recital Hall. At the memorial service, UC President Robert C. Dynes described Denton as "a pioneer in many ways, a person who turned beliefs into actions, and into

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BRIAN HEMOND—THE TECH

On Monday, June 26, Massachusetts Senator John Kerry (D) spoke at Faneuil Hall on "securing real energy independence and protecting our environment." MIT President, Susan Hockfield, made finding new sources of energy a goal of her administration during her Inauguration in May 2005.

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# WORLD & NATION

## Campaign Seeks to Turn Kosher Foods Mainstream

By Stuart Elliott  
THE NEW YORK TIMES

The leading marketer of kosher foods, Manischewitz, is expanding efforts to reach mainstream shoppers with what the company is calling its first campaign aimed at the general market as well as at consumers who traditionally buy kosher products for religious reasons.

The multimillion-dollar campaign, now under way, carries the theme “Simply Manischewitz.” It includes online advertising, at manischewitz.com and Web sites like foodnetwork.com; ads in a general-market publication, Cooking Light magazine; ads sent to consumers as e-mail messages; and a cook-off with prizes provided by a mainstay brand, General Electric.

The campaign is being created for Manischewitz, part of the RAB Food Group, by Joseph Jacobs Advertising in New York, the Manischewitz agency for three decades, and IMC, an interactive agency in Holmdel, N.J. The goal is to encourage consumers to ask grocers and other retailers to stock Manischewitz items not in the smaller kosher sections of stores, but in the more heavily trafficked aisles devoted to broad product categories like soup, crackers, noodles, sauces and candy.

## Kenneth Lay, Former Chief of Enron, Dies at 64

By Jeremy W. Peters and Simon Romero  
THE NEW YORK TIMES

Kenneth L. Lay, the former chairman and chief executive of Enron who was convicted of fraud and conspiracy in the giant energy company’s collapse, died Wednesday at his home in Aspen, Colo. He was 64.

A spokeswoman for the Lay family, Kelly L. Kimberly, confirmed reports of Lay’s death but declined to discuss specifics. In a prepared statement, Kimberly said: “Ken Lay passed away early this morning in Aspen. The Lays have a very large family with whom they need to communicate. And out of respect for the family, we will release further details at a later time.”

Lay was convicted in May on six counts of fraud and conspiracy and four counts of bank fraud, and was free on a \$5 million bond while awaiting his sentencing, which was scheduled for this fall.

Each count carried a maximum sentence of 5 to 10 years, so he faced the possibility of spending the rest of his life in prison.

## Israelis and Palestinians Fight Fiercely in Gaza

By Steven Erlanger and Greg Myre  
THE NEW YORK TIMES

Israeli troops and Palestinian militants waged their most intense battles Thursday since Israel re-entered the Gaza Strip last week to secure the release of a captured soldier and stop rocket fire into Israel.

At least 12 Palestinians and one Israeli soldier were killed in sometimes fierce fighting involving shootouts, artillery fire and airstrikes. Most of the deaths were in northern Gaza, although two Palestinian militants were killed in southern Gaza.

After days of sporadic clashes, Israeli forces pushed further into northern Gaza, moving south from the destroyed former Israeli settlements to the outskirts of Beit Lahiya, in the northwestern corner of Gaza, where Palestinian fighters had been preparing earth barricades, explosive charges and shooting positions.

Israel’s defense minister, Amir Peretz, said that although Israel pulled out of Gaza last year, “no one should see that as a guarantee that we cannot reach territory in which we feel we have no choice but to operate.”

Heavy fighting erupted in and around Beit Lahiya, especially in the western neighborhoods of Atarah and Salatin, closer to the sea.

# Shuttle Discovery Docks with Station After July 4th Launch

By John Schwartz  
THE NEW YORK TIMES

HOUSTON

The space shuttle Discovery glided Thursday morning to a smooth rendezvous with the International Space Station.

The approach, at a gradual one-tenth of a foot per second as both raced through orbit at 17,500 mph, could be seen on NASA Television from a camera mounted in the Discovery’s docking mechanism.

“Capture confirmed,” the shuttle’s commander, Col. Steven W. Lindsey of the Air Force, radioed to mission control at 10:52 a.m. Eastern time, when the two spacecraft joined together about 220 miles above the earth, south of Pitcairn Island in the South Pacific. By 12:30 p.m., the crews had opened the hatch separating them and exchanged handshakes and hugs.

An hour before docking, the Discovery, in its second full day in orbit, did a backflip of greeting as it approached the space station. During the maneuver, in which Lindsey pulled up the nose of the craft at 3 degrees per second, the 122-foot-long, 245,000-pound shuttle turned as gracefully as

a gymnast, albeit an extremely large one.

That gave crew members on the station, Pavel V. Vinogradov of Russia, and Col. Jeffrey N. Williams of the U.S. Army, the flight engineer, a leisurely view of the bottom of the Discovery so they could take 350 highly detailed photographs of it.

The flip was part of the program of inspection put in place after the 2003 Columbia disaster, when an undetected hole in the left wing caused that shuttle to break up during re-entry, killing all seven astronauts on board. It was only the second time that the maneuver had been performed; the first was during the Discovery’s return-to-flight mission nearly a year ago.

Lindsey executed the maneuver with the help of a small thruster, known as a Vernier, that had developed a balky thermostat last week.

The problem had threatened to delay the mission, but NASA elected to launch without fixing the thruster, saying the astronauts could maneuver without it. Once in orbit, however, Lindsey kept the left side of the shuttle facing the sun, which warmed the craft and brought the thruster up to

operating temperature.

The coast of Spain was clearly visible beneath the Discovery as the maneuver began, and the hills and clouds slid by underneath.

Thomas Reiter, a German astronaut who flew with the Discovery, officially joined the station’s crew, bringing its complement to three for the first time since the Columbia disaster.

Anthony J. Ceccacci, the lead flight director for the mission, said at an afternoon briefing for reporters that the mission was going according to plan — so much so, in fact, that it threatened to become a bit dull.

“It’s boring to us that it’s quiet,” Ceccacci said. “But that’s a good thing. That means everything is going well.”

Still, mission managers will be discussing several issues. Two pieces of stiff cloth that fit between tiles, which are known as gap fillers, are poking up from between tiles on the left wing and toward the rear of the shuttle. Since any protruding object can cause unusual heating during re-entry, the managers will discuss whether the fillers constitute a threat and need to be removed, a course of action that NASA followed on its last mission.

# Georgia Court Reverses Decision Concerning Same-Sex Marriage

By Brenda Goodman  
THE NEW YORK TIMES

ATLANTA

In a unanimous reversal of a lower court decision, six justices of the Georgia Supreme Court ruled the state’s 2004 two-part ban against same-sex marriage is constitutional.

Seventy-six percent of Georgians who voted in a referendum in November 2004 supported the ban, but a Superior Court judge ruled in May that it violated the Georgia Constitution because the ballot question addressed more than one issue, including civil unions.

The Supreme Court ruling was expedited at the request of Gov. Sonny Perdue, a Republican, who had threatened to call a special legislative session if the court did not act on an appeal by August, a threat many critics saw as a move to rally conservative voters ahead of his November

bid for re-election.

“I’m delighted that they ruled unanimously in favor of the people of Georgia, that they clearly understood what they were voting for,” Purdue said at a news conference.

Gay and civil rights groups had hoped the court would toss out the sweeping amendment because they said its dual purposes — to limit the definition of marriage as the union of only a man and a woman and to refuse legal benefits and protections to same-sex couples in civil unions — were unfairly linked in the referendum and forced voters who might have only agreed with one part to have to approve both.

Additionally, the section of the amendment dealing with those legal benefits and protections was not printed on the November 2004 ballot or posted at polling places. Voters could only see the section that limits

the definition of marriage to a union to a man and a woman. The full text of the amendment was printed in newspapers across the state before the election.

The opinion came on the same day the New York Court of Appeals, the state’s highest court, decided that state has no legal obligation to recognize same-sex marriages.

“I was very disappointed,” said Karla Drenner, a Georgia state representative who led the fight against the amendment. “It’s a very sad thing when the Empire State of the South and the Empire State of the North decide to discriminate on the same day.”

“I think the public was deceived here in Georgia,” Drenner, a Democrat, said.

The Georgia Supreme Court, however, felt voters were not duped by the two-part question.

# WEATHER

## Will a New Month Bring a New Weather Pattern?

By Cegeon J. Chan  
STAFF METEOROLOGIST

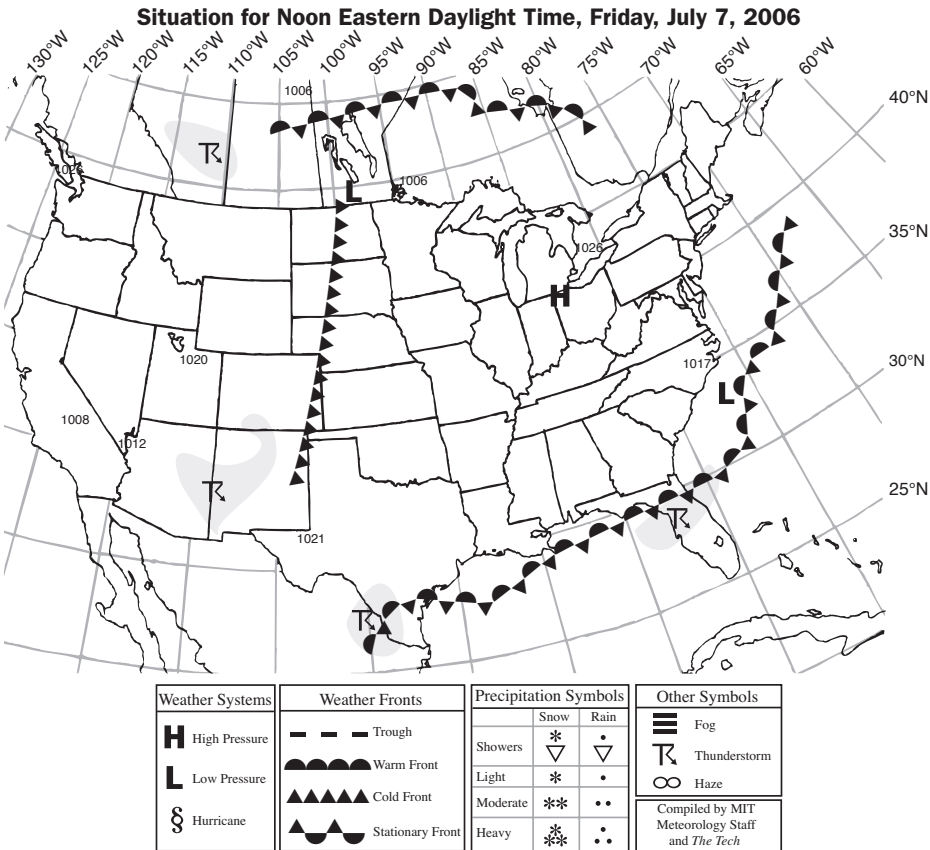
Particularly on summer days, everyone notices the humidity, but how do meteorologists quantify the air’s stickiness? By definition, the dew point is the temperature at which the air must be cooled before it saturates. The lower the number, the drier the air and thus, it can be used as a barometer to judge how “uncomfortable” the air is. If you were sweating at those 4th of July BBQs or on Memorial Drive waiting for the fireworks, blame it on the humidity. Dew points were near 70 degrees Fahrenheit, which is generally considered near the “oppressive” range.

Yesterday’s dew point was at or slightly below 60° F and is usually considered “comfortable” for the summer. For an extreme reference, in the Middle East, where the world’s highest dew points are observed, it is not uncommon for dew points to be near 90°F. In Dubai along the Persian Gulf, fog can form even when temperatures approach 110°F! The next time you think it’s humid here, just remember, it could be worse.

With dew points near 60° F and sunny skies, expect today to be similar to yesterday’s “Top 10 days” of the summer. In fact, the next 7-10 days, average dew points will be in the lower 60s and free of widespread rainfall. July is shaping up to be a month that will (hopefully) make people forget the past two soggy months. Enjoy the weather, we’ve earned it!

### Extended Forecast

**Today:** Mostly sunny. Highs in the lower 80s°F (27°C).  
**Tonight:** Mostly clear. Lows in the lower 60s°F (17°C).  
**Tomorrow:** Mostly sunny. Highs in the lower 80s°F (27°C).  
**Tomorrow Night:** Mostly clear. Cooler. Lows in the lower 60s°F (17°C).  
**Sunday:** Mostly sunny. Highs in the mid 80s°F (29°C).



# Victor of Mexican Presidential Race Decided by Slim Margin

By James C. Mckinley Jr. and Ginger Thompson  
*THE NEW YORK TIMES*

MEXICO CITY  
After days of uncertainty, election officials declared Thursday that Felipe Calderon, a conservative free-trader, had won the race for president by less than 1 percent of their official count.

His leftist rival refused to accept the results and immediately vowed to go court and demand a recount.

As he pulled ahead in a tally overnight that entranced the nation, Calderon, 43, said in the predawn hours that he would fight to keep his victory, however narrow, over the populist former Mexico City mayor, Andres Manuel Lopez Obrador.

Election officials said Calderon had won by 243,000 votes out of 41 million cast Sunday.

By Thursday evening, Calderon appeared before supporters at his party headquarters and gave a half-hour victory speech, declaring the forces of peace had won out over those of violence. He reached out to the supporters of the other can-

didates and urged Mexicans of all political parties to come together, declaring the voters demanded it.

“I assume as my personal responsibility the hopes of the people who have voted for other candidates,” he said.

The official tally opened a new phase in the bruising political battle between the two men. Lopez Obrador’s refusal to concede defeat set the stage for a legal challenge that could take weeks and yet decide who would be the next president.

He called on his supporters to rally in the historic central square of the capital on Saturday in a show of strength that suggested he would use massive street demonstrations to put public pressure on the court to grant his request for a recount.

“We cannot accept these results,” Lopez Obrador, 52, said. “We are going to ask for clarity. We are going to ask for a vote count, polling place by polling place.”

Lopez Obrador’s determination to challenge the results means that a special Federal Electoral Tribunal, set up to handle electoral disputes, will end up deciding wheth-

er there will be a recount. Some legal scholars said that while that outcome was unlikely, it was not impossible.

Lopez Obrador said the election had been riddled with irregularities and the official count could not be trusted. He and the leaders of his Party of the Democratic Revolution complained that, during the official tally on Wednesday and Thursday, local election officials had ignored demands that boxes of ballots be recounted from polling places that they thought had unusual results.

Aides to Lopez Obrador said he would argue in court that a recount was needed because poll officials had tossed out large number of ballots — 904,000 — because they could not tell the intention of the voters. These null votes could be enough to change the results of the election, they said.

Lopez Obrador is also likely to point out that, in the few cases where election officials did recount votes during the official tally, mistakes had been found. Many of those mistakes hurt Lopez Obrador and benefited Calderon, they said.

# North Korea Admits Missile Tests, Calling Launch Routine Exercise

By Norimitsu Onishi  
*THE NEW YORK TIMES*

SEOUL, SOUTH KOREA  
North Korea declared Thursday that it would continue to test-fire missiles and vowed to use force if other nations tried to stop it, even as it acknowledged for the first time that it had launched seven missiles the day before.

Responding to international condemnation with characteristic defiance and vagueness, North Korea said the launchings of the seven missiles, including one long-range Taepodong 2, had been “routine military exercises” designed to raise the nation’s “capacity for self-defense.”

In a statement attributed to its Foreign Ministry and released by its official press agency, the North stated that it would continue with its missile launchings and that it “will have no option but to take stronger physical actions of other forms, should any other country dare take issue with the exercises and put pressure upon it.”

The warning was issued as the United States and countries in this region remained divided over a Japa-

nese-backed proposal for a U.N. Security Council resolution threatening sanctions if the North did not dismantle its nuclear program.

President Bush called the leaders of China and Russia on Thursday seeking a unified response against the test firings. But the two countries, both permanent members of the U.N. Security Council, said they opposed punitive sanctions.

“We think the Security Council should make a necessary response, but the response should be helpful to maintain peace and stability on the Korean peninsula and should help diplomatic efforts,” Jiang Yu, the spokeswoman for the Chinese Foreign Ministry, said at a news conference in Beijing. When asked whether China, North Korea’s biggest trading partner and aid donor, was considering cutting aid, Jiang said no.

In Moscow, President Vladimir V. Putin said he was disappointed by the test firings but added that the North Koreans were right in their assertion that they had the legal right to perform such tests.

North Korea said that the launchings were the country’s “exercise of

its legitimate right as a sovereign state” and that it was no longer bound by past moratoriums on missile tests because the United States and Japan had broken previous agreements.

In its statement, the North described Wednesday’s missile launchings as successful, an assertion disputed by experts who tracked the Taepodong 2.

North Korea’s continued defiance appeared to be intended to press the United States into direct talks, analysts and politicians said. For months it has been demanding that the United States lift a crack-down on North Korean businesses and banks that do business with the country.

It has also pushed for bilateral talks, twice inviting Christopher R. Hill, the assistant secretary of state for East Asian and Pacific affairs and the main American negotiator with North Korea, to Pyongyang.

Washington has refused, saying only that it would participate in the now stalled six-nation talks over the nuclear program. The six nations are the United States, North Korea, China, Japan, South Korea and Russia.

# Microsoft Vies for Maturing Markets In Battle for Technological Supremacy

By John Markoff  
*THE NEW YORK TIMES*

SAN FRANCISCO  
Microsoft’s interest in making its own hand-held music and video player, disclosed by entertainment industry executives this week, indicates that its old way of doing things is not working in its battle against Apple Computer’s iPod.

In the PC market, its bread and butter, Microsoft has depended on hundreds of large and small computer makers that have built desktop and laptop computers running its Windows operating system.

But in some areas, Microsoft has been moving toward a go-it-alone strategy. The models here are Apple Computer’s Macintosh and iPod businesses, which combine hardware, software and online services in a user-friendly package.

Microsoft competes against Nintendo and Sony with its Xbox video game console, for which it designed the computer chips with IBM and tightly controls software distribution. And in the market for cell phone handsets, three of

the four major carriers now carry phones labeled with the Microsoft Pocket PC and Smart Phone brands.

The shift, analysts said, is being driven by Microsoft’s need to grab a share of markets that could grow more quickly than the PC industry, which is maturing.

“Digital media is too important to abdicate the market to Apple,” said Phil Leigh, president of Inside Digital Media, a market research firm in Tampa, Fla.

Entertainment industry executives who were briefed on the Microsoft music and video player said this week that the device was equipped with a wireless Internet connection and an advanced display screen, and that the company planned to release it before the holiday season, along with an online store.

Richard Doherty, president of Envisioneering, a consumer electronics consulting firm based in Seaford, N.Y., said he had talked to several major retailers of consumer electronics in recent weeks and that

Microsoft had not yet briefed them on its plans, leaving open the possibility that the company had not made a final decision to introduce its own player.

But one music industry executive said his company was told that Microsoft had made a large financial commitment to market a player this year. A senior TV network executive said that Microsoft had talked to the networks about selling their programming through the online store, but that “no deals are in place.”

Introducing a player would be a distinct gamble, analysts said, fueled by the company’s inability to make a dent in Apple’s domination of the digital audio market with its combination of the iPod and the iTunes Music Store.

One major risk is that makers of digital music players that now use Microsoft software might feel that they faced a disadvantage if Microsoft’s player were more directly integrated with a Microsoft music service and offered exclusive features.

## In New York, Wireless Web Comes to Parks

By Sewell Chan  
*THE NEW YORK TIMES*

NEW YORK  
By the end of August, wireless networks will be established at 18 locations in 10 of New York City’s most prominent parks — including Central, Prospect and Riverside Parks — in a major citywide expansion of free Internet access, according to city officials.

The development, to be announced Thursday, would end months of delay for a city project that has faced considerable logistical and technical hurdles since it was announced in June 2003. Wi-Fi Salon, a small start-up company that won the contract for the work in October 2004, said Wednesday that Nokia, a Finnish manufacturer of telecommunications devices, had signed on as a sponsor.

Wi-Fi Salon intends to activate 18 wireless “hot spots” by the end of next month at Battery, Central and Riverside Parks and in Washington and Union Squares in Manhattan; at Prospect Park in Brooklyn; at the Flushing Meadows-Corona Park in Queens; and at Pelham Bay and Van Cortlandt Parks and Orchard Beach in the Bronx.

Eight of the hot spots will be in Central Park and two in Prospect Park. The first of the 18 locations — a stretch of Battery Park — is to be activated Thursday, with the othersto follow, in stages, through August.

## Suicide Attack on Shiite Shrine Kills 12 in Najaf

By Kirk Semple  
*THE NEW YORK TIMES*

BAGHDAD, IRAQ  
A suicide bomber rammed his car into a group of Iranian pilgrims visiting a Shiite shrine in the city of Najaf on Thursday and blew it up, killing at least 12 people and wounding more than 40, Iraqi officials said.

At least five of the dead and 22 of the wounded were Iranians. The blast totally destroyed two buses the pilgrims had arrived in and left a crack in the outer wall of the Maitham al-Tammar shrine, the officials said.

The relations between the country’s young government and Iran is one of the touchiest of the many conflicts dividing the country’s ethnic groups.

The leading Shiite parties have close ties to Iran, a predominantly Shiite country, leading many Sunnis, who led the fight during the bloody Iraq-Iran war two decades ago, to question their loyalty. And Defense Secretary Donald H. Rumsfeld has accused Iran of infiltrating members of its Revolutionary Guard forces into Iran and supplying insurgents with sophisticated bombs.

Najaf is the home of shrines considered by Shiites to be among their holiest, and is the destination of hundreds of thousands of pilgrims every year from Iran.

## U.S. General and Ambassador Apologize for Crime

By Edward Wong  
*THE NEW YORK TIMES*

BAGHDAD, IRAQ  
The U.S. ambassador and the top American military commander here together issued an unusual apology on Thursday for the rape and murder of a young Iraqi woman and the killing of her family, saying that the crime, in which at least four soldiers are suspects, had injured the “Iraqi people as a whole.”

The statement came just hours after Prime Minister Nouri Kamal al-Maliki said at a news conference that he might ask the American military to scrap a rule that grants foreign soldiers here immunity from Iraqi prosecution. Such a move would be a direct rebuke to the Bush administration, which has fought tenaciously to ensure that American soldiers are exempt from local or international laws when deployed on foreign soil.

“I’m about to talk to the multinational forces to reach solutions that will put an end to such practices,” Maliki said of criminal behavior by soldiers. One possible course of action, he said, would be to “revise the issue of immunity.”

“Our people cannot tolerate that every day there is an ugly crime such as that in Mahmoudiya,” he added, referring to the market town near which the four Iraqis, including a young girl, were killed on March 12.

## 3 Senators Protest Possible Tax Deduction for Boeing

By Leslie Wayne  
*THE NEW YORK TIMES*

Three prominent Republican senators have written to Attorney General Alberto R. Gonzales to express concern that Boeing may be allowed to take a tax deduction for a \$615 million settlement reached last week with the government.

The three senators — Charles E. Grassley of Iowa, chairman of the Senate Finance Committee; John McCain of Arizona, a longtime critic of Boeing; and John W. Warner of Virginia, chairman of the Armed Services Committee — said in the letter that allowing Boeing to deduct payments to settle government ethics charges “would be unacceptable.”

Boeing and the Justice Department reached an agreement on June 30 in which the company agreed to pay \$615 million to avoid criminal charges and settle claims arising from its improper hiring of a Pentagon official and its obtaining of proprietary documents from the Lockheed Martin Corp. relating to government rocket launchings.

Allowing the Boeing settlement to be tax deductible, the senators said in the letter, would result in “leaving the American taxpayer to effectively subsidize its misconduct.”

“We are not interested in settlements that are designed to look good in newspapers, but fail to bring real accountability,” the letter stated; a copy of the letter was obtained by The New York Times.

McCain first raised questions about Boeing’s relationship with the Pentagon a couple of years ago. Hearings he called ultimately led to the cancellation of a \$23 billion deal for aerial refueling tankers between Boeing and the Air Force as well as to the ethical investigations that resulted in the \$615 million settlement, one of the largest ever imposed on a military contractor.







ARTS

FILM REVIEW ★★½

‘Pirates’ Returns With a Splash

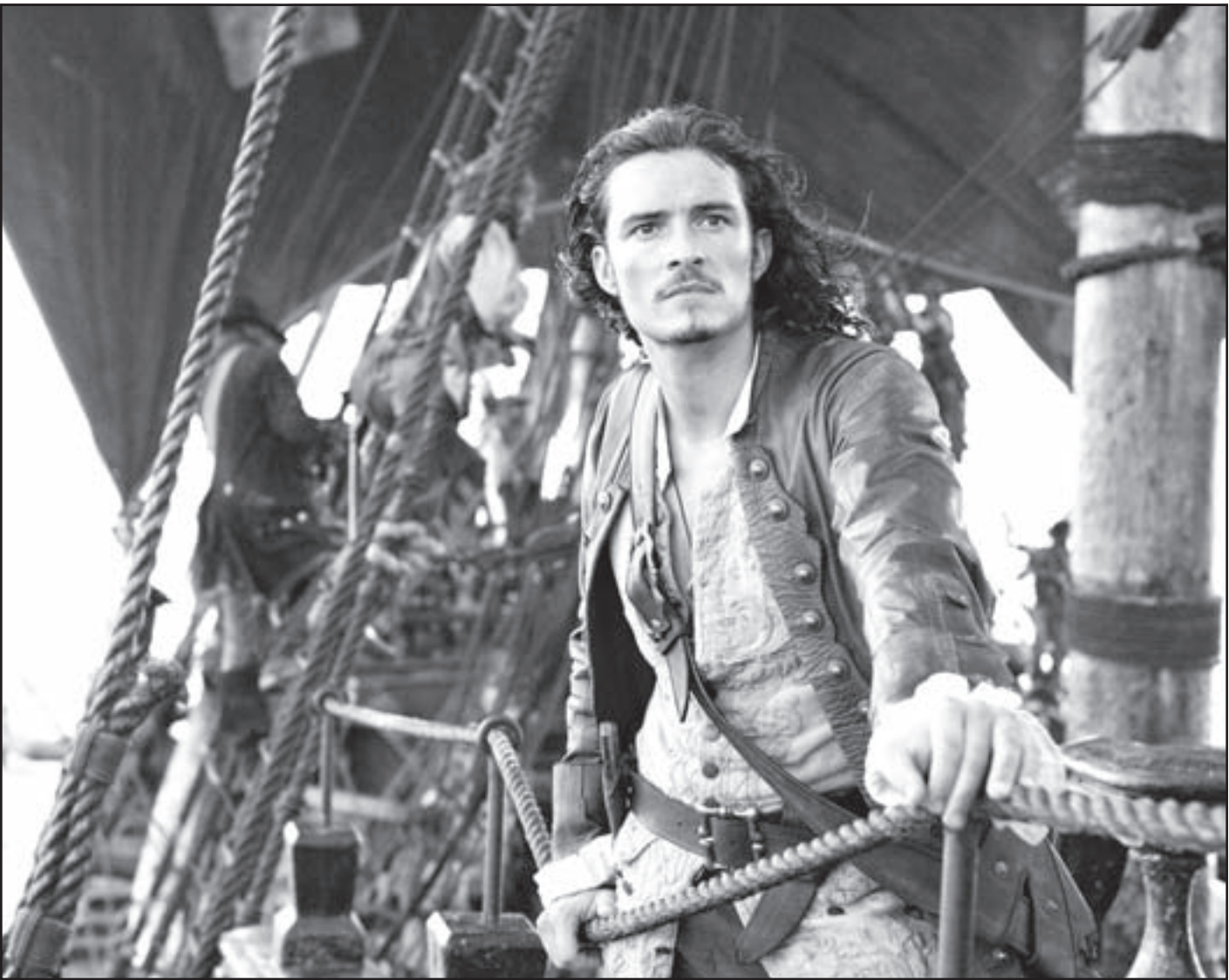
Johnny Depp’s Capt. Jack Sparrow Sizzles in Sequel

By Jillian Berry  
ARTS EDITOR  
*Pirates of the Caribbean: Dead Man’s Chest*  
Directed by Gore Verbinski  
Written by Ted Elliot and Terry Rossio  
Starring Johnny Depp, Orlando Bloom, and Keira Knightley  
PG-13  
Opens Today

In “Pirates of the Caribbean: Dead Man’s Chest,” Johnny Depp returns as Captain Jack Sparrow, along with co-stars Orlando Bloom and Keira Knightley, in this sequel to 2003’s hit, “Pirates of the Caribbean: The Curse of the Black Pearl.” We rejoin the story on Will Turner (Bloom) and Elizabeth Swann’s (Knightley) wedding day. However, instead of getting married as planned, Will and Elizabeth are arrested. Worse, they face a trip to the gallows for assisting Jack Sparrow in escaping arrest. To avoid death, Will and Elizabeth must find Jack and his magical compass (which points to whatever a person desires most), and bring the compass back to Cutler Beckett (Tom Hollander). Meanwhile, Jack has his own problems. First, he is considered a god to an island civilization, which unfortunately honors its gods by eating them. Additionally, he has been informed by Bill Turner (Stellan Skarsgard) that he has now officially been the captain of the Black Pearl for thirteen years, thus he owes Davy Jones (Bill Nighy) his soul. The movie follows Jack’s attempt to evade Davy Jones, while Will and Elizabeth try to survive Jack’s troubles.

As with the first “Pirates of the Caribbean,” the plot is outlandish, and it is not nearly as important as the characters themselves. Johnny Depp’s Captain Jack Sparrow is just as eccentric and treasure-minded as before. He steals any scene he is in (and he is in a lot of scenes) with his “evil” humor. By acting as if he were gay and drunk, instead of stereotypically self-assured and heroic, Depp is able to prevent what could easily be the cheesiest movie ever made. An important part of this movie’s success is the ability of the actors to not take their characters so seriously, but instead portray them as exaggerations of themselves. Nothing in this movie is realistic, but that is where the beauty, and humor, lies.

In addition to the characters, the special effect and costume details are fantastic. In a world of make believe, it is crucial that the details of the settings, costumes, and special effects do not detract from the fantasy. For this movie in particular, everything must seem realistic, but



BUENA VISTA

Will Turner (Orlando Bloom) plays an unlucky groom in “Pirates of the Caribbean: Dead Man’s Chest.”

not so much as to be overly scary, and not so little that the movie seems completely ridiculous. Luckily, the film achieves a happy medium between reality and fantasy. Particularly extraordinary is the crew of Davy Jones’ ship, which is comprised of men who have lost their souls and are slowly becoming a part of the sea. While these half men, half sea creatures are . . . well, disgusting (there was an audible gasp in the theater when they first appeared on screen), they are still outrageous enough to be worth looking at. Besides, had the shipmen been any

more human, they may have been too repulsive to watch. The movie as a whole is very good (with many in the packed theater literally sitting on the edge of their seats), but there are a few minor flaws. Most notably, at nearly two and a half hours, this is a long movie. And since there will probably be a lot of kids in the theater if you see it, be prepared for them to start making some noise. Plus, there is going to be a third movie in the series, so there was no traditional conclusion to wrap everything together nicely. Thus, there

were times when the movie felt as if it would continue forever. I kept waiting for a resolution which was not coming. In addition to the length, the movie is too reliant on people having seen (and remembered) the first movie. I saw the first movie, but only once. Even though I reviewed the plot before the movie, there were still quite a few times that I was confused about the plot. However, the faults were minor in comparison to this great movie’s merits. The show was funny, intelligent, entertaining, and most importantly, has finally made Johnny Depp into a god.

FILM REVIEW ★★★

‘Devil Wears Prada’ A Fashionable Comedy

Streep’s Performance is Sinfully Enjoyable

By Marissa Vogt  
NEWS EDITOR  
*The Devil Wears Prada*  
Directed by David Frankel  
Written by Aline Brosh McKenna  
Based on the novel by Lauren Weisberger  
Starring Meryl Streep and Anne Hathaway

Rated PG-13  
Now Playing

Satan is back in town, and he is extremely well-dressed — Dolce and Gabbana, Calvin Klein, Valentino, and Hermes are only some of the de-



BARRY WETCHER—TWENTIETH CENTURY FOX

Andy Sachs (Anne Hathaway) whispers to her boss, Miranda Priestly (Meryl Streep).

signers mentioned in “The Devil Wears Prada,” an enjoyable dark comedy starring Meryl Streep as the boss from Hell.

The premise of the film is familiar: Andy Sachs, played by Anne Hathaway, lands her first job, struggles to please a demanding boss, and works so hard that she forgets about the things that are truly important in life. What brings a refreshing change to the usual story is the movie’s setting, the Manhattan headquarters of fashion magazine *Runway*; the ‘man sells soul for financial success’ theme is updated to the even more superficial ‘girl trades hot boyfriend for pair of Manolo Blahniks.’

The heroine, Andy, is a recent graduate of Northwestern and aspiring journalist who fails to land a job at a serious publication. She settles for a job as assistant to *Runway*’s editor in chief, Miranda Priestly (Streep), though it is immediately obvious that Andy does not fit in at the magazine. She lacks not only a sense of fashion, but also any real appreciation for Miranda’s wicked reputation. Andy soon finds that reputation is well-deserved, and her personal life suffers as she struggles to satisfy Miranda’s outrageous (and often comical) demands.

That ridiculous behavior results in the most humorous scenes of the film, including

a painfully hilarious instance where Miranda, furious with Andy for making an error, threatens to fire her unless Andy can produce copies of the seventh Harry Potter book—which is yet to be released—for Miranda’s twin daughters.

Streep’s performance is delightful but nearly wasted on such a flat character as Miranda Priestly, and the few scenes where Miranda expresses any sort of vulnerability are far too brief. In fact, she puts so much distance between herself and the other characters that it can be difficult to appreciate how much pleasure Miranda derives from torturing those around her.

It is refreshing to see Hathaway graduate from teen films like “The Princess Diaries” and “Ella Enchanted” and assume more complex characters, though her performance as an independent, grown woman is not always convincing. Though Andy

assimilates into the world of couture with relative ease, Hathaway often seems like she’s trying too hard.

The plot, like most of the film’s characters, is shallow and sometimes trying, but still enjoyable. The chance to peek into the sometimes ridiculous world of fashion and its absurd personalities makes the film a light and relaxing diversion for the summer, even if it is a bit of a chick flick.

The plot,  
like most of the film’s characters,  
is shallow and sometimes trying,  
but still enjoyable.





ERIC D. SCHMIEDL—THE TECH



# Despite Threatening Weather,

Boston's annual Fourth of July celebration was held this past Tuesday on the Charles River Esplanade. The celebration included the traditional concert from the Boston Pops directed by Keith Lockhart, performances by Alya Brown, Renese King, Rockapella, Joe Perry and Steven Tyler. The concert, along with hosts Dr. Phil McGraw and wife Robin McGraw, was broadcast live to the nation on CBS. The concert was followed with a 23-minute pyrotechnics display put on by Pyro Spectaculars, Inc. The fireworks show accompanied musical selections that included the Boston Pops, Sheryl Crow, and Neil Diamond. Over 10,000 fireworks weighing more than 9 tons were set off on the 2 barges located in the Charles River basin. The entire celebration was put on by Boston 4 Celebrations. More information can be found at <http://www.july4th.org>.



RICARDO RAMIREZ—THE TECH



DAVID M. TEMPLETON—THE TECH



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ERIC D. SCHMIEDL—THE TECH



MICHAEL MCGRAW-HERDEG—THE TECH

# Fireworks are a Blast!

clockwise from below:

didn't stop at the banks of the Charles; boats of all shapes and sizes decorated with Red, White, and Blue were spread out over the Charles River Basin.

charges sit waiting in their bases on the barge.

ican spirit was in abundance as demonstrated by the countless American red, white, and blue decorations surrounding the Charles River.

Martinez '06 grills hamburgers and corn-on-the-cob in the MacGregor Bar.

was placed on every seat in front of the Hatch Shell in preparation for the event with the Pops.

its from all around New England traveled to Boston to enjoy the fireworks.



DAVID M. TEMPLETON—THE TECH



RICARDO RAMIREZ—THE TECH



DAVID M. TEMPLETON—THE TECH



RICARDO RAMIREZ—THE TECH





PILED HIGHER AND  
DEEPER



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PILED HIGHER AND  
DEEPER



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FoxTrot by Bill Amend

su | do | ku

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9. Solution on page 11.

© Puzzles by Pappocom

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Solution, tips, and computer program at <http://www.sudoku.com>

Dilbert® by Scott Adams



Faculty Promoted

On May 24, the Executive Committee of the MIT Corporation approved the promotion of various faculty members. All promotions took effect July 1. The following members were awarded tenure. All are associate professors, unless otherwise noted:

|                                     |   |
|-------------------------------------|---|
| Eric Klopfer                        | Urban Studies and Planning                  |
| J. Phillip Thompson                 | Urban Studies and Planning                  |
| Eytan H. Modiano                    | Aeronautics and Astronautics                |
| Robert T. Morris                    | Electrical Engineering and Computer Science |
| Rahul Sarpeshkar                    | Electrical Engineering and Computer Science |
| Yoel Fink PhD '00                   | Materials Science and Engineering           |
| Christine Ortiz                     | Materials Science and Engineering           |
| George Barbastathis                 | Mechanical Engineering                      |
| Nicolas Hadjiconstantinou PhD '98   | Mechanical Engineering                      |
| Sang-Gook Kim PhD '85               | Mechanical Engineering                      |
| Stefan Helmreich                    | Anthropology                                |
| Christine J. Walley                 | Anthropology                                |
| Meg Jacobs                          | History                                     |
| Jonathan Rodden                     | Political Science                           |
| Junot Diaz                          | Writing and Humanistic Studies              |
| Jun Pan                             | Sloan School of Management                  |
| Christopher B. Burge                | Biology                                     |
| Elly Nedivi*                        | Brain and Cognitive Sciences                |
| Pawan Sinha PhD '95                 | Brain and Cognitive Sciences                |
| Timothy F. Jamison                  | Chemistry                                   |
| Raffaele Ferrari*                   | Earth, Atmospheric and Planetary Sciences   |
| Denis S. Auroux                     | Mathematics                                 |
| Christoph M. E. Paus                | Physics                                     |
| * Promoted from assistant professor |   |

The following faculty members were promoted from associate professor with tenure to full professor:

|                           |   |
|---------------------------|---|
| Mitchel J. Resnick        | Media Arts and Sciences                     |
| David W. Miller           | Aeronautics and Astronautics                |
| Paula T. Hammond '84      | Chemical Engineering                        |
| Franz-Joseph Ulm,         | Civil and Environmental Engineering         |
| Hari Balakrishnan         | Electrical Engineering and Computer Science |
| Dennis M. Freeman PhD '86 | Electrical Engineering and Computer Science |
| Alexandre Megretski       | Electrical Engineering and Computer Science |
| Martin C. Rinard          | Electrical Engineering and Computer Science |
| Daniela L. Rus            | Electrical Engineering and Computer Science |
| Michael Greenstone        | Economics                                   |
| Elizabeth A. Wood         | History                                     |
| Alexander Byrne           | Linguistics and Philosophy                  |
| Diana E. Henderson        | Literature                                  |
| Janet Sonenberg           | Music and Theater Arts                      |
| Frank B. Gertler          | Biology                                     |
| Gigliola Staffilani       | Mathematics                                 |

The following faculty members were promoted from assistant professor to associate professor without tenure:

|                                |  |
|--------------------------------|--|
| Erika Naginski                 | Architecture   |
| Christopher Csikszentmihalyi   | Media Arts and Sciences  |
| Judith Stefania Donath PhD '97 | Media Arts and Sciences  |
| Hugh Miller Herr               | Media Arts and Sciences  |
| JoAnn Carmin                   | Urban Studies and Planning   |
| Raul A. Radovitzky             | Aeronautics and Astronautics   |
| Patrick Seamus Doyle           | Chemical Engineering   |
| Jongyoon Han                   | Electrical Engineering and Computer Science and Biological Engineering |
| Marc A. Baldo                  | Electrical Engineering and Computer Science                            |
| Fredo Durand                   | Electrical Engineering and Computer Science                            |
| Steve Gordon Massaquoi PhD '99 | Electrical Engineering and Computer Science                            |
| Robert C. Miller '95           | Electrical Engineering and Computer Science                            |
| Michael Henderson Perrott      | Electrical Engineering and Computer Science                            |
| Jovan Popovic                  | Electrical Engineering and Computer Science                            |
| Joel Voldman                   | Electrical Engineering and Computer Science                            |
| Lizhong Zheng                  | Electrical Engineering and Computer Science                            |
| Olivier L. de Weck PhD '01     | Engineering Systems Division in Aeronautics                            |
| Daniel D. Frey                 | Engineering Systems Division in Mechanical Engineering                 |
| Darrell J. Irvine PhD '00      | Materials Science and Engineering and Biological Engineering           |
| Martin L. Culpepper            | Mechanical Engineering   |
| Anette E. (Peko) Hosoi         | Mechanical Engineering   |
| Alexandra H. Techet PhD '01    | Mechanical Engineering   |
| Muhamet Yildiz                 | Economics  |
| Ian Condry                     | Foreign Languages and Literatures                                      |
| Christopher Capozzola          | History  |
| M. Diane Burton                | Sloan School of Management   |
| Jeremie Gallien                | Sloan School of Management   |
| Fiona E. Murray                | Sloan School of Management   |
| David M. Sabatini              | Biology  |
| Joseph P. Sadighi PhD '99      | Chemistry  |
| James A. Hansen                | Earth, Atmospheric and Planetary Sciences                              |
| David Mohrig                   | Earth, Atmospheric and Planetary Sciences                              |
| Dmitry A. Panchenko            | Mathematics  |
| Alexander Postnikov PhD '97    | Mathematics  |
| Jeffrey A. Vialovsky           | Mathematics  |
| Scott M. Burles                | Physics  |
| Erotokritos Katsavounidis      | Physics  |
| Young S. Lee PhD '00           | Physics  |

SOURCE: MIT NEWS OFFICE

Staggered Expiry, Auto-Renewal Not Currently Implemented for IDs

Cards, from Page 1

expiration dates, or spread them out, which could avoid this problem. According to Michaud, they simply use the “Earliest Likely Separation Date” from the MITSIS database maintained by the Registrar.

The Card Office is part of MIT’s Enterprise Services division, and reports to John M. McDonald, associate director for Enterprise Services. McDonald said that a change to stagger the expiration dates of cards, such as over the course of a week, would have to be approved by MIT’s

“Card Council.” The Card Council has representatives from a variety of MIT card stakeholders, including the Registrar, as well as undergraduate and graduate student representatives, McDonald said.

McDonald expressed the concern that some parts of MIT that offer services, such as the athletics department, might not be comfortable giving some students an additional week of services, which would happen with a staggered system.

Some students have asked why MIT cards can’t be automatically renewed as long as student status is still

valid. Michaud, the Card Office manager, offered two explanations:

Some service providers use the printed expiration date on the card to determine current MIT affiliation. If cards were renewed automatically, Michaud said, “there is no motivation to get a new piece of plastic with an updated expiration date printed on it.”

The Card Office does not “have the resources ... for as simple an operation as automatically renewing cards,” Michaud said, referring to the complexities associated with interfacing with the Registrar’s database.

Broad Clients Engaged in Lawsuit

Research Lab May Become Unable To Distribute Molecular Discoveries

By Stephen Heuser

BOSTON GLOBE

Just over a year ago, Cambridge’s prestigious Broad Institute started an idealistic medical-research project, fueled by millions of dollars from drug companies, to create powerful new molecules and make them cheaply available to lab researchers around the world.

Called the RNAi Consortium, the program runs on donations from Novartis AG,Bristol-Myers Squibb Co., and Eli Lilly & Co., among others. It has designed a huge collection of molecules to block the workings of each human gene - a new and increasingly important technique for scientists and drug makers. The project embodies the ambitious goals of the three-year-old Broad Institute, which united the czars of top science labs at Harvard University and the Massachusetts Institute of

Technology to turn genetic research into real treatments for diseases.

But now the altruistic RNAi project has run into the shoals of commerce.

The Broad relies on two for-profit companies to produce and distribute the new molecules to researchers, and one of those companies is suing the other to stop it from sending them out.

Sigma-Aldrich Corp., a global lab supply company based in St. Louis, filed suit against Open Biosystems Inc. of Alabama, a private firm specializing in supplying genetic material, charging that it infringes two key scientific patents.

Although the Broad Institute invents the RNAi molecules, it can’t produce them in the volume needed for research experiments. So it has licensed the two suppliers to keep a ready stock of Broad-invented mate-

rial in their warehouse freezers to sell to customers. The companies make a profit, but because the Broad Institute absorbs the high cost of the original research, they can keep prices down for their customers.

If the lawsuit succeeds in shutting down Open Biosystems, it would give Sigma an effective monopoly, leading scientists to worry that a resource built with philanthropic money and intended for public access would become unaffordable.

“Our goal is easy access to the world research community,” said David Root, the Broad Institute scientist who manages the RNAi Consortium. “We went to two distributors with the idea of trying to make sure it’s widely available.”

Open Biosystems denies it violates any patents, and has continued to ship the Broad Institute molecules.

The suit illustrates an emerging challenge for supporters of publicly accessible medical research: Patents and intellectual property in the life sciences have grown so valuable that they are jealously guarded as potential keys to millions of dollars in revenue.

“You have this situation where you’re doing research and you don’t really know who owns what you’re doing anymore,” said John Quackenbush, a genetic-data researcher at Dana-Farber Cancer Institute.

It also pits two very different companies against each other. With offices around the world, Sigma-Aldrich is one of the largest suppliers of laboratory research chemicals, with 7,000 employees and \$1.7 billion in annual sales. It has a growing business in so-called biotechnology reagents, highly specialized chemicals that let laboratories use the new tools of genomics to test potential drugs. It was also one of the original \$3.6 million donors to the Broad Institute’s RNAi project.

Police Log

The following incidents were reported to the MIT or Cambridge Police between June 15 and June 27 or July 5, 2006, respectively. This summary does not include incidents such as suspicious activity, false alarms, or medical shuttles.

Jun. 16: Bldg. 4 (320 Memorial Dr.), 6:00 p.m., bicycle stolen; 8:30 p.m., bicycle stolen.

Jun. 19: Main Lot (55 Mass. Ave., behind Bldg. 5), 10:00 a.m., report of suspicious male in parking lot; Robert Worthington, 60 Maxwell St., Dorchester, taken into custody on outstanding arrest warrants.

Jun. 20: Bldg. 7 (77 Mass Ave.), officer assisted Cambridge police on taking a report of a past assault.

Jun. 25: Eastgate (60 Wadsworth St.), 2H, 8:00 p.m., domestic assault.

Jun. 26: Walker Memorial (142 Memorial Dr.), 5:00 p.m., graffiti in men’s room of Rainbow Lounge.

Jul. 5: Sidney-Pacific (70 Pacific St.), 1:45 a.m., unarmed robbery; Samuel J. Hwang '05, arrested after reportedly stealing a laptop computer from his ex-girlfriend.

—Compiled by Marjan Rafat and James Herms with assistance from other members of the MIT Crime Club.



OMARI STEPHENS—THE TECH

Matthew S. Goldstein '09 (left), Steven L. Finberg '77 (right), and Mitchell E Berger '03 (not pictured) of the MIT Radio Society work an overnight shift during Amateur Radio Field Day, an annual 27-hour emergency preparedness drill which started June 24 at 2:00 p.m. During the drill, amateur radio operators set up temporary stations “in the field” and tried to talk to as many other stations as possible within the time period. Station W1MX, in front of the Stratton Student Center, reached 569 other stations as part of Field Day.

Solution to Crossword Puzzle

from page 8

Solution to Bonus Crossword

from page 8



# Aging Alumni Feel Attachment to Campus

URC, from Page 1

will either be “built according to the original plan of 239 condominiums and they would be sold off to whoever will buy them ... or to our specifications of 160 units.”

Construction for URC was delayed for a long time due to a lack of affordable sites within walking distance of MIT. Sites were considered as early as 2004 but were lost in the process of cost negotiations. “We have lost out on two bids in the past,” said Gray. Sites explored and given up include Main Street at Ames, 350 Third Street, 600 Memorial Drive, and the Worthington Apartments on Binney Street, according to the URC Web site.

A little more than 90 people and/or families have made refundable \$1,000 deposits, required by URC to secure priority reservations for housing units. “I think there are more people interested and are waiting to see what emerges,” said Gray. URC has also tried to develop interest at Harvard. So far, “nothing happened yet on that front.”

While previous generations have often viewed life after retirement as completely divorced from the work-

place, an increasing number of today’s senior citizens are gravitating toward the opposite spectrum, leading active lives and hoping never to be completely removed from their occupations and work communities. The idea of “Aging in Place,” as URC is sometimes called, was first proposed by Paul Grayson, a consultant specializing in retirement housing and accessible environments to a small group in 2002. It is entirely a private undertaking by Gray and others and many of its subscribers are people who have significant connections with the Institute and hope to remain forever close.

“From the very beginning, I was interested in the idea,” said Li-wen Wang, parent of an MIT student and an MIT alum. “I kind of felt lured into it...I talked to my husband and even dragged him to a meeting.”

In 1989, Wang was hired to revamp the curriculum for 7.02 Introduction to Experimental Biology and Communication, where she served as lab instructor for 12 years. In 2001, she transferred to Electrical Engineering and is currently lab instructor for 3.155/6.152 Micro/Nano Processing Technology. She states an attachment to the Institute and a desire to stay

close to the retiring community as her reasons for being interested in URC.

“I have grown to like MIT so much. 18 years of my life I have dedicated to MIT and its students.”

Although MIT has been supportive of the concept and has allowed URC to use Institute resources such as e-mail to communicate, it has not contributed any funding.

“We have no MIT investment,” said Gray. “The developer would not commit to [the project] unless he knows we have access to resources... The test of reality will be when we

ask people to sign up and make a deposit.” Although Gray initially targeted the residential community for people aged 55 and older, many people preferred a broader age group and this age restriction was eventually dropped.

More information can be found at URC’s website at <http://web.mit.edu/ir/urc/update.html>.

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# Dining Dollars No Signal Of Mandatory Meal Plan

Dining Dollars, from Page 1

plan. Other students, he said, view the program as a simple way to address the concerns of parents.

Berlin flatly denied any intention to slowly set the stage for mandatory dining, stating that the Dining Dollars program poses “really no threat.” He also fondly made reference to an old petition against a meal plan, signed by members of the MIT community, that he keeps in his office in a three-ring binder.

Kelch also said that while he personally does not think that the Dining Dollars plan will lead to a mandatory dining plan, he said that he finds the new system with two overlapping accounts to be more confusing than the existing one.

The Dining Dollars plan will be aimed primarily at freshmen, and Berlin said that students may find that they do not need to separate their budget as they become more comfortable at MIT.

Berlin also addressed the possible concern that the program gives too much control to parents, saying that its intent is to make things more clear for both parents and students, and “if that empowers parents in a way that people are uncomfortable with, that was not part of our intention.” He added that it also addresses what he

calls “an issue of trust from a parent’s perspective.”

Asked whether he thinks the Dining Dollars plan primarily addresses the concerns of parents or students, Berlin said “I don’t know.”

Like regular funds deposited into a TechCASH account, the Dining Dollars can be used at off-campus locations such as Au Bon Pain and Quizno’s. However, only TechCASH funds can be used at convenience stores like The Coop and LaVerde’s.

Deposits to a TechCASH or Dining Dollars account made online will continue to be subject to a fee, and deposits must be made separately for each account, said John M. McDonald, associate director for enterprise services, which oversees the Card Office. He added that account transfers between TechCASH and Dining Dollars will be available if requested in writing and will not be subject to a fee.

Both Berlin and McDonald said that the cost to MIT of implementing the Dining Dollars plan is minimal, as it does not require any additional technology. They could not give an exact number for the percentage of current purchases made with TechCASH that would be eligible under the Dining Dollars plan, but estimated that these purchases compromise a majority.

## Construction to be Completed by End of Summer

Renovations to the reading room on the fifth floor of the student center will be completed by the end of August, as planned, said Director of Campus Activities Complex Phillip J. Walsh. “Our plan is to have the reading room ready for the campus tour during fall orientation.”

### News Brief

Aside from the time consuming removal of trace amounts of asbestos from the roof, work has proceeded smoothly and will be completed within budget. The only unresolved matter is the possibility of ID-activated lockers for temporary storage, which has been shelved due to high cost. “It might also not be the best idea to locate storage space five stories up,” Walsh said.

The renovation plans have been repeatedly revised according to student input, especially from the advisory board, which includes student representatives from the Undergraduate Association, Graduate Student Council, Association of Student Activities, Independent Living Groups, Dormitory Council, Musical Theater Guild, and many more.

Furthermore, Walsh said that construction of the new 10-180 common area will be completed by the end of July. Most of the installation process has been completed, and the CAC is now waiting for furniture to be manufactured and shipped, he said. “Since the original suggestions for furniture involved expensive, custom-made models, we’ve had to go back and rethink our choices and focus on durability and cost-efficiency,” explained Walsh.

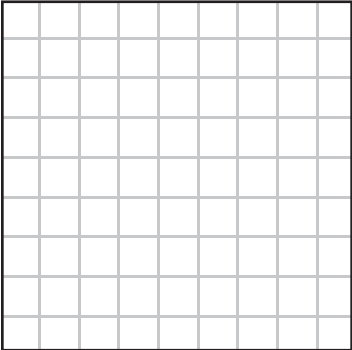
The new common area was an initiative by the Chancellor’s office and funded solely by MIT. However, the class of 2005 will offer support and dedicate a plaque acknowledging their gratitude towards MIT, providing a boost to the project.

“We haven’t yet set a date for the official opening ceremonies of both these initiatives, but will do so soon,” said Phil Walsh.

— Harsha Wasalathanthri

## Solution to Sudoku

from page 9



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SPORTS

2006 World Cup Draws Global Audience to Ashdown

By Valery K. Brobbey  
STAFF REPORTER

MIT is not oblivious to the ongoing action in Germany as all of the 62 matches already played in the 2006 FIFA World Cup have been broadcast within the internationally decorated Hulsizer room of Ashdown House. From all over campus, MIT affiliates and their friends have been putting aside their summer work and filling the seats to see beautiful footwork by the world’s greatest players.

Thirty-two national teams are competing in Germany for the biggest trophy in the world’s most popular sport. The competition which began on June 9th in Berlin will come to a close on Sunday with Italy and France playing in the final championship game. Germany and Portugal, who both lost their semifinal matches, will play for the bronze medal on Saturday.

According to Sian A. Kleindienst G, the graduate dorm decided to screen the matches after the success they had in screening the European Championships in 2004. “For the final match there were people standing all over the room,” she recalled.

Disappointment for team USA

In the 2002 FIFA World Cup in Japan and South Korea, the USA national team made American soccer fans proud by reaching the quarterfinal stage. Team USA made it out of the group stage ahead of Poland and European powerhouse Portugal. The Americans beat neighboring Mexico in the second round only to be beaten by three-time world champion Germany in the quarterfinal stage.

Riding on the back of the 2002 success, U.S. soccer fans were confident that their team was ready to compete with the best in the world. After a resounding 3-0 loss to the Czech Republic, team USA fought back with a 1-1 draw against Italy, although two of the team’s players had been sent off with red cards by the referee during the match. Kleindienst said that refereeing at this World Cup had been terrible, especially in the Italy versus USA game.

“They should have played well enough and that wouldn’t have been an issue,” she added, saying that the US team disappointed her with their playing style. The US team went on to lose to Ghana in their last first-round match, ending American World Cup dreams.

Ghana fans outnumber US fans

In a surprise turnout, the fans for Ghana outnumbered the American supporters at the Ashdown World Cup screening. Erik A. Dill G suggested that soccer does not appeal to many Americans because it is a low scoring sport. “In soccer you also have to appreciate the tactical maneuvering, ball movement, and defensive play.”

Sheila A. Fay, an administrative assistant in the Civil Engineering department said that the World Cup is not just about what happens on the field. The history of previous encounters between the teams and national pride are part of each game. She admitted that she was happy to see the Ghana fans colorfully cheer on their team when Ghana played USA. Kleindienst was also quick to say that the Ghana fans were her favorite group of fans.



DANIEL NAGAJ

Crowds in Ashdown watching France’s World Cup Soccer 1-0 win against Brazil on July 1st react emotionally to a call.

“The amazing thing about MIT is that at every game there are people from both countries to support their team,” Fay said. Fay was disappointed to see only two fans at a bar in Watertown, MA, where she saw one of the World Cup games. She said that if the World Cup came back to the US, Americans may get excited about it. USA hosted the World Cup in 1994.

Some of the soccer fans at Ashdown believe that if Major League Soccer had as much television coverage as baseball or American football, many people in the country may become attracted to the game. Dill pointed out that it would be difficult to find sponsorship for soccer in the US because unlike other American sports, there are no commercial breaks in soccer besides the fifteen minute half time break when most fans use the bathroom or get a snack.

Poor officiating, dives smudge beautiful game

The ongoing World Cup has seen a record number of yellow and red cards. With two games remaining, referees at this year’s World Cup have already given out 336 yellow cards and 27 red cards. These statistics break the France 1998 record of 22 red cards and the Japan/Korea 2002 record of 272 yellow cards.

Many soccer fans think that referees have been too quick to reach for their cards when they could have verbally cautioned the offending players. Some strikers go down easily at the slightest touch to draw a foul on the opposing team. This behavior has continued at the World Cup despite the strict officiating, and has taken away from the beauty of the game.

Surprises and upsets at the World Cup

Trinidad and Tobago qualified for their first ever World Cup this year and showed their fighting spirit in their opening goalless draw with Sweden. Australia participated in their first World Cup in 32 years. They came back from behind to beat Japan, scoring their first World Cup goal in history. Although they lost to Brazil, a draw against Croatia saw them into the

second round of the competition. Ghana is also playing in its first World Cup and pulled a huge upset against the Czech Republic and beat the USA to make it into the second round. Ghana lost its second round game against Brazil.

“Ghana got eliminated by three referees and Brazil,” said Ato Ulzen-Appiah ’06. “Ghana and the African teams have not earned the respect and reputation teams like Brazil, Germany, and Italy enjoy globally.” He hopes that the African teams would benefit from being at home in South Africa 2010 and get the chances to progress very far into the World Cup.

France’s 1-0 defeat of Brazil is one of the big upsets of the World Cup. Brazil, attempting to avenge their defeat against France in the 1998 World Cup, had poor control of the mid-field and didn’t attack the goal. France played more confidently and deserved the win.

Brazil is not the only team unable to avenge defeat at this year’s World Cup. England suffered defeat from penalty picks against Portugal in the European Championships two years ago. This year England was hoping for better luck, but with their captain injured and star striker Wayne Rooney sent off with a red card, they were unable to score. The game had to be decided on penalty picks, which England lost after Portugal’s goalkeeper made three brilliant saves. “England played boring football,” said Fay, who was disappointed that England players Frank Lampard and Steven Gerrard missed their penalty picks.

The host nation Germany also tried to avenge their 4-1 defeat in a friendly match with Italy earlier this year. With only one minute left in extra time the match looked destined to end goalless, in which case the game would have been decided on penalty picks. Germany has won all of its penalty shoot outs in major competition while Italy has lost all. Germany was more comfortable with going into penalty shoot outs while Italy was searching for a goal. Italy’s Andrea Pirlo gave defender Fabio Grosso a great pass in the penalty box, which Grosso coolly curled into the goal with his left foot. Italy added a second one on a fast break

just before the final whistle.

Prediction: Soccer wins

Many MIT fans have been cautious in predicting who might win the World Cup. Speaking right after France eliminated world champion Brazil, Kleindienst found it difficult to speculate on who might win the trophy, saying she would not have been able to predict the outcome of the game which had just ended. She was more interested in seeing people congregating to watch entertaining soccer games and people playing pickup games of soccer with their friends.

Fay would rather have a team which has never won the World Cup before lift the trophy, but with France (1998 champions) and Italy (three-time champions) in the final, this will not be the case.

However, fans taking part in polls all over soccer Web sites predict Italy will win. A *US-ATODAY* poll is 71% in favor of Italy. With Italy’s attacking style of soccer versus France’s conservative methods, this may not be a bad prediction. But each soccer game is unique, and is independent of previous games.

All the fans at Ashdown interviewed think that soccer, known around the world as football, is a powerful tool that brings people from different backgrounds together. For this reason, FIFA is using this year’s World Cup to send a strong message against racism, which has tarnished the image of the sport in some European countries. Before each of the quarterfinal matches, team captains read a short anti-discrimination statement in their native languages. In addition, the slogan for this year’s tournament is “A time to make friends.” For all the MIT fans who watch the games at Ashdown, it has been a time to get together with other passionate soccer fans from all corners of the campus to share the joy of the beautiful game of football.

The final match of the World Cup between Italy and France can be seen in the Hulsizer room in Ashdown on Sunday, July 9 from 1pm-5pm.

Denton Remembered As Leader for Women

Denton, from Page 1

change, on many fronts.”

President Hockfield remembered Denton on a UCSC memorial Web page, writing: “We at MIT are shocked and saddened at the tragic death of our distinguished graduate Denice Denton. Having accomplished so much and blazed so many trails at a young age, Chancellor Denton served as a role model for many on our campus and around the nation as she highlighted the importance of building communities of mutual respect on campuses everywhere. All of us are the poorer for the loss of this leader in engineering and the academy.”

Denton worked to increase the number of women in science and had recently won the Maria Mitchell Women in Science Award for her work, according to the UCSC press release. According to the same press release, she was present at the confer-

ence where Harvard University President Lawrence H. Summers ’75 made comments about the difference between women and men. Denton called the response a “teachable moment.”

Professor Nancy H. Hopkins, who was at the same conference, wrote on the memorial Web page that “Denice Denton was a heroine who used her vast talent to serve others and improve the world. The higher she rose, the more she worked to raise others. It should be easy to open fields of science and engineering to the diverse population that we are in this country, but it isn’t. Instead it is a struggle that requires commitment, vision, and courage. Denice was a national leader in this regard.”

According to the UCSC press release, Denton is survived by her partner Gretchen Kalonji; her mother, Carolyn Mabee; brother Deran Denton; sisters Derri Denton and Michelle Moore; as well as lifelong friend Di-anna Beasley.

Course X-B Popular Among '09s, More Frosh in EECS Are Women

Courses, from Page 12

Julie B. Norman, associate dean for academic resources and programming, said that her office provides programming each year to help freshmen choose the right major for them. She said that most students have a sense of what they want to major in when they arrive at MIT and should not be easily influenced by outside factors because none of MIT’s degree programs is specific to only one industry. Changes in the economy may mean that students in majors like Course VI are “not going to the same employers as they did 10 years ago but they’re still employed.”

Norman also said that the number of students in each major is unlikely to change greatly, as less than 5 percent of each class switches majors, and those that do switch usually do so during their sopho-

Courses Declared By Class of 2009

| Course | Number of students |
|--------|--------------------|
| 1      | 38                 |
| 2      | 123                |
| 3      | 37                 |
| 4      | 14                 |
| 5      | 33                 |
| 6      | 184                |
| 7      | 68                 |
| 8      | 70                 |
| 9      | 51                 |
| 10     | 99                 |
| 11     | 7                  |

SOURCE: REGISTRAR’S OFFICE

more or early junior years. She also noted that the data do not include Course XX (Biological Engineer-

| Course            | Number of students |
|-------------------|--------------------|
| 12                | 14                 |
| 14                | 21                 |
| 15                | 64                 |
| 16                | 64                 |
| 17                | 2                  |
| 18                | 62                 |
| 21                | 2                  |
| 22                | 10                 |
| 24                | 2                  |
| Undecided         | 23                 |
| No form submitted | 6                  |

ing), which does not allow students to declare the major until their sophomore year.